

IN THE CLAIMS

11. (Amended) A process to provide a fully oriented untextured single-ply industrial yarn from a single-ply low molecular weight polyester partially oriented yarn comprising the steps of: providing a bobbin of single-ply low molecular weight polyester POY multifilament yarn, supplying the single-ply yarn to a heater, drawing said single-ply yarn in a draw zone in the range of 1.8 – 2.3 as it passes over the heater to produce a fully oriented, single-ply industrial yarn and supplying the fully oriented, single-ply untextured industrial yarn directly to a take-up roll without further processing.

12. (Original) The process of Claim 11 wherein said yarn is pretensioned prior to the supply of same to the draw zone.

13. (Amended) The process of Claim 12 wherein said heater is operating at about a temperature of about 210°C.

14. (Original) The method of Claim 13 wherein the yarn is pretensioned with a draw ratio of 1.01.

15. (Original) The process of Claim 11 wherein said drawn yarn is supplied to a second draw zone wherein it is relaxed.

16. (Original) The process of Claim 15 wherein heat from a heater operating at about 210°C relaxes said drawn yarn.

17. (Amended) The process of fully orienting a 255 denier, 34 filament low molecular weight polyester yarn comprising the steps of: supplying a 255 denier, 34 filament low molecular weight POY yarn, heating and drawing said yarn with a

draw ratio of 2.093 to produce a fully oriented untextured industrial yarn and
taking up the fully oriented yarn.

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18. (Original) The process of Claim 17 wherein the heater for said yarn is
operated at a temperature of about 210°C.